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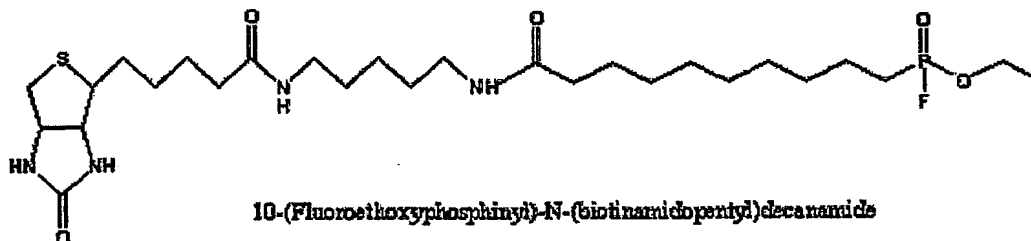
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(54) Title: HALOGEN PHOSPHONATE MONOESTERS



(57) Abstract: The present invention relates to detection, immobilization, and production of proteolytic antibodies using halogen phosphonate monoester probes, immobilizing reagents, and antigen conjugates.